

## Application Data Sheet

### Application Information

Application Type:: Regular  
Subject Matter:: Utility  
Title:: METHOD AND APPARATUS FOR MULTI-  
SENSORY SPEECH ENHANCEMENT  
Attorney Docket Number:: M61.12-0585  
Request for Non-Publication?:: No  
Suggested Drawing Figure:: 3  
Total Drawing Sheets:: 11  
Small Entity?:: No  
Petition included?:: No  
Petition Type::

### Applicant Information

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Given Name:: Zicheng  
Family Name:: Liu  
Name Suffix::  
City of Residence:: Bellevue  
State or Province of Residence:: WA  
Country of Residence:: US  
Street of Mailing address:: 14743 SE 63rd Street  
City of Mailing address:: Bellevue  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98006

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Given Name:: Michael J.  
Family Name:: Sinclair  
Name Suffix::  
City of Residence:: Kirkland  
State or Province of Residence:: WA  
Country of Residence:: US  
Street of Mailing address:: 4324 Lake Washington Blvd., NE  
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City of Mailing address:: Kirkland  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98033

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Spain  
Given Name:: Alejandro  
Family Name:: Acero  
Name Suffix::  
City of Residence:: Bellevue  
State or Province of Residence:: WA  
Country of Residence:: US  
Street of Mailing address:: 6525 163<sup>rd</sup> Place SE  
City of Mailing address:: Bellevue  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98006

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Given Name:: Xuedong D.

Family Name:: Huang  
Name Suffix::  
City of Residence:: Bellevue  
State or Province of Residence:: WA  
Country of Residence:: US  
Street of Mailing address:: 6179 155<sup>th</sup> Ave. SE  
City of Mailing address:: Bellevue  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98006

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Given Name:: James G.  
Family Name:: Droppo  
Name Suffix::  
City of Residence:: Duvall  
State or Province of Residence:: WA  
Country of Residence:: US  
Street of Mailing address:: 13820 282<sup>nd</sup> Court NE  
City of Mailing address:: Duvall  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98019

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Canada  
Given Name:: Li  
Family Name:: Deng  
Name Suffix::  
City of Residence:: Sammamish  
State or Province of Residence:: WA

Country of Residence:: US  
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City of Mailing address:: Sammamish  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98074

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: France  
Given Name:: Zhengyou  
Family Name:: Zhang  
Name Suffix::  
City of Residence:: Redmond  
State or Province of Residence:: WA  
Country of Residence:: US  
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City of Mailing address:: Redmond  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98052

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: P.R. China  
Given Name:: Yanli  
Family Name:: Zheng  
Name Suffix::  
City of Residence:: Urbana  
State or Province of Residence:: IL  
Country of Residence:: US  
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City of Mailing address:: Urbana  
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### Correspondence Information

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### Representative Information

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Primary	35612	Deirdre Megley Kvale
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Primary	45466	Nathan M. Rau
Primary	45844	Christopher L. Holt
Primary	45956	Alan G. Rego
Primary	48516	Todd R. Fronek
Primary	49027	Linda P. Ji

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Primary	32015	David C. Bohn
Primary	51655	Bryan F. Erickson
Primary	33760	Stacy Quan
Primary	28692	Michael W. Bocianowski
Primary	38590	Jeffrey L. Ranck
Primary	35499	David Bartley Eppenauer
Primary	33553	Martin L. Shively
Primary	35744	Ronald O. Zink
Primary	32332	John Weresh
Primary	37038	Patricia E. Bornes

#### Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application			MM/DD/YY

#### Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
		MM/DD/YY	Yes or No

#### Assignee Information

Assignee name:: Microsoft Corporation  
Street of mailing address:: One Microsoft Way

City of mailing address:: Redmond  
State or Province of mailing address:: WA  
Country of mailing address:: 98052  
Postal or Zip Code of mailing address:: 98052